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studied. It was found that both retention and absorption were normal or above normal. The digestive system does not seem to be at all deranged in this fatal disease.

T. L. HARKEY: *Further Studies of Edema.*

OLIVE G. PATTERSON: *A Study of the Influence of External Hemorrhages on the Partition of Urinary Nitrogen.*

VICTOR E. LEVINE: *Biochemical Studies of Selenium.*

BENJAMIN HOROWITZ and W. J. GIES: *Pigments Produced from Thymol by Ammonium Hydroxide.*

LOUIS BERMAN and W. J. GIES: *A Differential Stain for Mucine and Mucoids.*

MAX KAHN and W. J. GIES: *The Origin and Significance of Salivary Sulfoeyanate.*

A. P. LOTHROP and W. J. GIES: *Biochemical Studies of Dental Caries.*

W. J. GIES: *Further Studies of the Permeability of Lipin-Colloid Membranes.*

W. D. BANCROFT: *Light and Health.*

(To be concluded.)

CHARLES L. PARSONS,  
Secretary

### SOCIETIES AND ACADEMIES

#### THE AMERICAN MATHEMATICAL SOCIETY

THE one hundred and sixty-fifth regular meeting of the society was held at Columbia University on Saturday, October 25, extending through the usual morning and afternoon sessions. Thirty-three members were in attendance. President E. B. Van Vleck occupied the chair, being relieved by Professor H. S. White. The following new members were elected: R. W. Burgess, Cornell University; Tomlinson Fort, University of Michigan; Cora B. Hennel, Indiana University; Arthur Korn, Charlottenburg, Germany; J. H. Kindle, University of Cincinnati; M. A. Linton, Provident Life and Trust Company, Philadelphia; John McDonnell, Geodetic Survey of Canada; J. Q. McNatt, Colorado Fuel and Iron Company; T. E. Mason, Indiana University; B. E. Mitchell, Columbia University; George Paaswell, New York City; D. M. Smith, Georgia School of Technology; Panaiotis Zervos, University of Athens. Twelve applications for membership were received.

The meetings of the Chicago Section having been for some years of equal importance with the meetings held in New York and technically described as meetings of the society, it has been decided to obliterate this outgrown distinction by making the Chicago meetings also regular meet-

ings of the society, so far as the presentation of scientific papers is concerned. The society will hereafter enjoy a possibly unique distinction, in that it will hold practically simultaneous meetings in two cities.

Following closely on the volume of the Princeton Colloquium Lectures, the society will shortly publish the Madison Colloquium Lectures of Professors L. E. Dickson and W. F. Osgood. This will be Volume IV. of the series of Colloquium volumes, its predecessors being the Boston, New Haven and Princeton Lectures.

It was decided to hold the summer meeting of 1914 at Brown University, in acceptance of the invitation by that university to participate in the celebration of its one hundred and fiftieth anniversary.

The following papers were read at the October meeting:

G. M. Green: "Projective differential geometry of one-parameter families of space curves, and conjugate nets on a curved surface."

G. M. Green: "One-parameter families of curves in the plane."

Edward Kasner: "The classification of analytic curves in conformal geometry."

G. H. Graves: "Systems of algebraic curves of least order for genera 3 and 4."

A. A. Bennett: "Quadri-quadric transformations."

A. A. Bennett: "A set of postulates for a general field admitting addition, multiplication, and an operation of the third grade."

T. H. Gronwall: "On analytic functions of several variables."

H. Galajikian: "Concerning the continuity and derivatives of the solution of a certain non-linear integral equation."

G. M. Green: "On the limit of the ratio of arc to chord at a point of a real curve."

W. H. Roever: "Geometric derivation of a formula for the southerly deviation of falling bodies."

The San Francisco Section held a meeting also on October 25. The Southwestern Section will meet at the University of Missouri on November 29. The society will meet in Chicago on December 26-27, and will hold its annual meeting in New York on December 30-31. At the latter meeting Professor H. B. Fine will deliver his presidential address on "An unpublished theorem of Kronecker respecting numerical equations."

F. N. COLE,  
Secretary